Demonstrate your understanding of the topics learned in our Cell Unit.

Content:

1. Differences between an animal cell and a plant cell.
2. Names of the 8 organelles studied.
   1. Cell wall
   2. Cell membrane
   3. Cytoplasm
   4. Nucleus
   5. Chloroplast
   6. Mitochondria
   7. Vacuole
   8. Endoplasmic Reticulum
3. Function (jobs of each organelle)
   1. Protection
   2. Transport
   3. shape, transport
   4. control, reproduction
   5. capture sun's energy to make carbs.
   6. use carbs to make energy
   7. Storage
   8. transport
4. Transport
   1. Diffusion
      1. Movement from high to low
   2. Osmosis
      1. Movement of water from high to low across a membrane
   3. Active Transport
      1. Movement of particles across a membrane with the use of a carrier protein and energy.
5. Energy
   1. Cell Respiration
      1. Reactants
      2. Products
      3. Carbs, fats, O2, H2O, CO2, energy
   2. Photosynthesis
      1. Reactants
      2. Products
      3. Energy, CO2, H20, O2, Carbs
6. Cell Division
   1. Regeneration - salamander, hydra
   2. Mitosis - chromosome, DNA, daughter cell

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| Choose 1 (Circle) | | |
| Test & Answers  (25 - 30 Question) | Card Match  (26- 30 Cards) | Kahoot  (Written Questions/Answers & Kahoot) |

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| Accuracy  25% | All Information  25% | Neatness  25% | Organization  25% |
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| Notes: | | | |